

Title (en)

INTERNAL COMBUSTION ENGINE WITH FUEL INJECTION

Title (de)

BRENNKRAFTMASCHINE MIT BRENNSTOFFEINSPRITZUNG

Title (fr)

MOTEUR A COMBUSTION INTERNE A INJECTION DE CARBURANT

Publication

**EP 1068444 A1 20010117 (EN)**

Application

**EP 99917276 A 19990329**

Priority

- SE 9900495 W 19990329
- SE 9801145 A 19980401

Abstract (en)

[origin: WO9950554A1] A combustion engine with direct injection has in each cylinder a fuel injector (3) whose fuel orifices (4) are so oriented that the projection (5') of the direction of each fuel spray, viewed in a plane perpendicular to the cylinder centreline, crosses a projection (8', 8", 9', 9") in the same plane of the valve disc of one of the valves.

IPC 1-7

**F02M 61/14**; **F02M 61/18**

IPC 8 full level

**F02B 23/06** (2006.01); **F02F 1/42** (2006.01); **F02F 3/26** (2006.01); **F02M 61/14** (2006.01); **F02M 61/18** (2006.01); **F02B 3/06** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 9950554A1

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